

EIGHTH ARMY REGULATION 95-2

AVIATION (95)

**Operations and
Management of
United States
Army Airfields,
Helipads, and
Heliports in the
ROK**

05 November 1993

UNCLASSIFIED

**EAIM LIBRARY
REFERENCE SET**

HQ USFK/EUSA
ATTN: EAIM-R-PM
UNIT #15236
APO AP 96205-0009

***EUSA Reg 95-2**

**HEADQUARTERS
EIGHTH UNITED STATES ARMY
UNIT #15236
APO AP 96205-0009**

**EUSA Regulation
No. 95-2**

5 November 1993

(Effective 19 November 1993)

AVIATION

**OPERATIONS AND MANAGEMENT OF UNITED STATES ARMY AIRFIELDS,
HELIPADS, AND HELIPORTS IN THE REPUBLIC OF KOREA**

SUPPLEMENTATION. Issue of further supplements to this regulation by subordinate commands is prohibited unless prior approval is obtained from HQ EUSA, ATTN: EACJ-EA, Unit #15236, APO AP 96205-0009.

1. PURPOSE. To establish responsibilities and procedures that will standardize and ensure the safe, efficient operation and management of Army airfields under the authority of Eighth United States Army in the Republic of Korea (ROK). This regulation provides guidance for areas relating to airfield, heliport, and helipad operations in support of aviation assets to include flight dispatch, operations, weather services, aircraft refueling, safety, alert services, air traffic control, airfield and aircraft security, airfield maintenance, crash rescue operations, and other areas affecting the management of Army airfields in the ROK.

2. APPLICABILITY. This regulation applies to all units and activities responsible for the operation and management of United States (U.S.) Army airfields, helipads, and heliports in the ROK. Members of other service branches will comply with this regulation while operating at Army airfields or when conducting flight operations in airspace controlled or managed by U.S. Army units.

3. REFERENCES. Required and related publications are listed in appendix A.

4. EXPLANATION OF ABBREVIATIONS.

IAW	in accordance with
ROK	Republic of Korea
U.S.	United States (of America)

5. ORGANIZATION AND STAFFING OF AIRFIELDS. Due to the various sizes and capabilities of U.S. Army airfields in the ROK, organization and staffing will be tailored to meet the needs of each airfield.

***This regulation supersedes EUSA Reg 95-2, 5 March 1982.**

6. RESPONSIBILITIES.

a. The 17th Aviation Brigade will--

- (1) Provide air traffic control support for all division and non-divisional airfields and selected heliports.
- (2) Provide navigational aid repair work through the air traffic control unit supporting the airfield.

b. The 51st Weather Squadron will provide weather services (forecasters and observers).

c. The Installation Commander will--

- (1) Designate airfield commanders, in writing, for each airfield under his control.
- (2) Provide crash and rescue services.
- (3) Provide airfield security, to include perimeter and access to the airfield.
- (4) Appoint an Installation Air Traffic and Air Space Officer, in writing, IAW AR 95-2.
- (5) Ensure that the airfield commander, or his designated representative, and the Air Traffic and Air Space Officer are members of the local Installation Planning Board IAW AR 210-20.

d. The Airfield Commander will--

- (1) Ensure safe operations are followed according to established regulations, policies, and procedures.
- (2) Appoint an Airfield Safety Officer, in writing, IAW AR 385-95.
- (3) Appoint an Airfield Operations Officer, in writing.
- (4) Perform airfield "physical security" risk analysis IAW AR 190-51, chapter 2.
- (5) Ensure that aircraft are secured IAW AR 190-51.
- (6) Ensure petroleum, oils, and lubricants are maintained IAW AR 190-51.
- (7) Coordinate with the installation commander and the installation fire marshal for stationing of fire fighting equipment on the airfield and development of a crash-rescue/fire fighting plan.

(8) Ensure that an airfield and navigational aid engineering survey is completed annually IAW AR 95-2.

e. The Airfield Operations Officer will--

(1) Provide flight planning service.

(2) Establish appropriate publications accounts and ensure current publications, maps, and charts are on hand.

(3) Ensure current notice to airmen and airman advisory information is prominently displayed. Establish procedures to ensure widest dissemination of information regarding "short notice" very important person prohibited areas.

(4) Supervise petroleum, oil, and lubricant support.

f. The Aviation Safety Officer will--

(1) Perform duties as outlined in AR 385-95.

(2) Conduct quarterly surveys using EA Form 146-R (Survey of Helicopter Landing Areas) (app B) which will be locally reproduced on 8 1/2-by 11-inch paper.

7. AIRFIELDS/HELIPADS/HELIPORTS. Commanders responsible for airfields/helipads/heliports will ensure that all landing/parking areas meet engineering, safety, and maintenance criteria established in TM 5-330, TM 5-803-4, and TM 5-823-4.

a. Commanders responsible for airfields/helipads/heliports will ensure that--

(1) Wind indicators are installed.

(2) Routine inspections, pictures, and monitoring of all airfields/helipads/heliports under their control are made.

(3) Reporting of temporary and long term hazards, temporary closures, and reopening of airfields/helipads/heliports are accomplished.

(4) Inspection, testing, marking, monitoring, and record keeping on all grounding and mooring points on all airfields/helipads/heliports are accomplished IAW TM 1-1500-250-23.

b. Fire fighting equipment. Personnel expected to operate fire fighting equipment will be trained in the use of the equipment and proper methods of approaching aircraft fires (ref TM 5-315).

c. Aircraft static grounding. Aircraft will be grounded while undergoing maintenance, during fueling/defueling or arming operations, and while loading or unloading hazardous cargo. Installation and marking of grounding rods will be IAW FM 10-68.

d. Wires or obstructions. Wires, poles, or other obstructions will not be installed on or near airfields/helipads/heliports where they will constitute a hazard or interfere with aviation operations. Wires, poles, and other obstructions that interfere with safety or efficient operations will be removed if possible. Wires that cannot be removed will be marked IAW the following:

(1) Large, permanent wires will be marked with 12-inch sheet metal squares or other markers of equivalent size, of a color to contrast with the background.

(2) Smaller, temporary wires may be marked with 4-inch disks or squares cut from cans or other light sheet metal and fastened with soft wire.

(3) Wires that will be up a very short time may be marked with strips of cloth.

e. Police of helipads. Airfields/helipads/heliports will be kept free of rocks, dirt, snow, and other loose objects that are likely to be picked up by rotor or prop wash. Helipads will not be used for storage of equipment or supplies. Supplies and equipment brought in by helicopter will be removed from the helicopter or aircraft landing area as soon as possible.

f. Ice and packed snow. During winter months, measures will be taken to prevent helipads from becoming slippery because of ice or packed snow. Sand, in moderate quantities, or urea (NSN 6810-00-782-6521) may be used, as appropriate. Never use salt as it is highly corrosive. Dry helipads will be swept clean to prevent hazards due to sand or dust blown by rotor wash.

g. Lighting. Helipads used for night operations will be lighted IAW instructions in TM 5-330, chapter 14. Emergency lighting with flashlights, flare pots, or vehicle lights will be used in emergency night operations (i.e., night medical evacuation missions) where permanent lighting is not installed.

h. Ground guides. The use of ground guides is recommended whenever possible. Ground guides will be trained to utilize aircraft arm and hand signals shown in FM 21-60, paragraph 9.

8. HAZARDOUS CARGO.

a. Hazardous cargo, for the purpose of this regulation, is defined as any cargo that is explosive, highly flammable, or toxic.

b. On fixed airfields, airfield commanders will designate areas for aircraft transporting hazardous cargo. The designated areas will be used for parking, loading, or unloading aircraft transporting hazardous cargo.

c. Protective measures outlined in AR 95-27, AR 385-64, TM 9-1300-206, and other applicable publications will be observed at landing areas where aircraft are operated with hazardous cargo aboard. When it becomes apparent that standards cannot be met (quantity-distance criteria for example), the responsible commander will refer to AR 740-1, chapter 4, for information concerning requests for waivers.

d. Aircraft will be grounded and fire fighting equipment will be standing by during loading or unloading of hazardous cargo or during the fueling or defueling of an aircraft with hazardous cargo aboard. Fire fighting equipment on hand will be the equivalent of at least two portable fire extinguishers with capability equal to that of 50 pounds of carbon dioxide (CO2). Fueling/defueling of aircraft with ammunitions aboard covered by 39 series technical manuals will be IAW safety standards outlined therein.

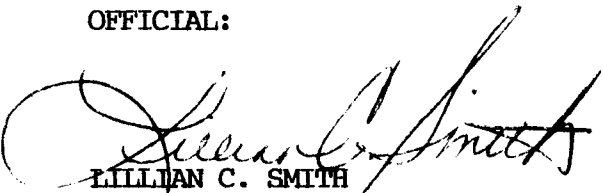
9. **PILOT REPORTS.** Pilots will report deficiencies observed at airfields and helipads through their chain of command using a DA Form 2696-R (Operational Hazard Report, RCS CSGPA-1633) (which will be locally reproduced on 8 1/2-by 11-inch paper) IAW AR 385-95.

The proponent of this regulation is the Office of the ACOFS, J3. Users are invited to send comments and suggested improvements on DA Form 2028 (Recommended Changes to Publications and Blank Forms) to the Commander, EUSA, ATTN: EACJ-EA, Unit #15236, APO AP 96205-0009.

FOR THE COMMANDER:

OFFICIAL:

WILLIAM D. MCGILL II
Colonel, USA
Chief of Staff



LILLIAN C. SMITH
Lieutenant Colonel, AG
Assistant Adjutant General

- 2 Appendixes
1. References
2. Survey of Helicopter Landing
Areas (EA Form 146-R)

DISTRIBUTION:

C

EUSA Reg 95-2

SPECIAL DISTRIBUTION:

- 10 - Cdr, 17th Avn Bde, ATTN: EAAV-AS, Unit #15270, APO AP 96205-0043
- 15 - Cdr, 2d Inf Div, ATTN: EAIDGO-AV, Unit #15435, APO AP 96257-0481
- 10 - Cdr, Cbt Avn Bde, ATTN: EAIDAB-S0, Unit #15435, APO AP 96257-0481
- 5 - Cdr, 19th SUPCOM, ATTN: EANC-GM-AV, Unit #15015, APO AP 96218-0171
- 5 - Cdr, 7th Air Force, APO AP 96570-5000
- 5 - Cdr, 501st MI Bde, ATTN: AVN OFF, Unit #15282, APO AP 96205-0055
- 5 - Cdr, 18th MEDCOM, ATTN: ACS-OPS (AVN), Unit #15281, APO AP 96205-0054
- 10 - Cdr, 1/501st Avn, Unit #15266, APO AP 96205-0039
- 20 - Cdr, 2/501st Avn, Unit #15210, APO AP 96271-0124
- 20 - Cdr, A Co 3/501st Avn, Unit #15203, APO AP 96271-0139
- 20 - Cdr, 4/501st Avn, Unit #15008, APO AP 96208-0476
- 10 - Cdr, 4/58th Avn, ATTN: EAAV-4-58-QA, Unit #15276, APO AP 96205-0049
- 20 - Cdr, 5/17th Cav Sqdn, Unit #15141, APO AP 96251-0388
- 20 - Cdr, 1/2nd Avn, ATTN: S-3, Unit #15420, APO AP 96257-0250
- 10 - Cdr, 2/2nd Avn, Unit #15427, APO AP 96257-0460
- 5 - Cdr, 377th Med Co (AA), Unit #15248, APO AP 96205-0021
- 2 - Cdr, Page AAF, ATTN: A/F OPNS, Unit #15002, APO AP 96208-0252
- 2 - Cdr, Walker AAF, ATTN: EANC-T-H-805, Unit #15494, APO AP 96218-0526
- 2 - Cdr, Desiderio AAF, ATTN: Airfield Ops Off, APO AP 96271-0158
- 5 - FKSF
- 8 - FKJ6-R-PM
- 90 - PPCK

APPENDIX A

SECTION I. REQUIRED PUBLICATIONS

AR 95-2 (Air Traffic Control, Airspace, Airfields, Flight Activities, and Navigational Aids). Cited in subparagraphs 6c(4) and 6d(8).

AR 95-27 (Operational Procedures for Aircraft Carrying Hazardous Materials) (AFR 55-14/OPNAVINST 3710.31D). Cited in subparagraph 8c.

AR 190-51 (Security of Army Property at Unit and Installation Level). Cited in subparagraphs 6d(4), 6d(5), and 6d(6).

AR 210-20 (Master Planning for Army Installations). Cited in subparagraph 6c(5).

AR 385-64 (Ammunition and Explosives Safety Standards). Cited in subparagraph 8c.

AR 385-95 (Army Aviation Accident Prevention). Cited in paragraph 9, subparagraphs 6d(2), and 6f(1).

AR 740-1 (Storage and Supply Activity Operations). Cited in subparagraph 8c.

FM 10-68 (Aircraft Refueling). Cited in subparagraph 7c.

FM 21-60 (Visual Signals). Cited in subparagraph 7h.

TM 1-1500-250-23 (Aviation Unit and Aviation Intermediate Maintenance for General Tie-down and Mooring on all Series Army Models, AH-64, UH-60, CH-47, UH-1, AH-1, OH-58 Helicopters). Cited in subparagraph 7a(4).

TM 5-315 (Firefighting and Rescue Procedures in Theaters of Operations). Cited in subparagraph 7b.

TM 5-330 (Planning and Design of Roads, Air Bases, and Heliports in the Theater of Operations (AFM 86-3, Vol 11)). Cited in paragraph 7 and subparagraph 7g.

TM 5-803-4 (Planning of Army Aviation Facilities). Cited in paragraph 7.

TM 5-823-4 (Marking of Army Airfield - Heliport Operational and Maintenance Facilities). Cited in subparagraph 7.

TM 9-1300-206 (Ammunition and Explosives Standards). Cited in subparagraph 8c.

Section II. RELATED PUBLICATIONS

AR 420-90 (Fire Protection).

FM 1-300 (Flight Operations and Airfield Management).

APPENDIX B

SURVEY OF HELICOPTER LANDING AREAS

SURVEY OF HELICOPTER LANDING AREAS (EUSA REG 95-2)		DATE:	
1. Heliport Designation or Coordinates:			
2. Responsible Unit:			
3. Largest Helicopter Accommodated:			
4. Elevation:	5. Best Approach Heading:	6. Best Departure Route:	
7. Environmental Conditions Affecting Operations and Safety:			
a. Surrounding Terrain:		b. Probable Wind Currents:	
c. Other (Specify):			
8. Landing Area		9. Landing Pad(s)	
Width	Length	Width	Length
10. Landing Pad Surface: Type, Condition, Repairs, Improvements needed (if any):			
11. Shoulders(runway): Width, Stabilization, Condition, repairs, and/or improvements needed:			
12. Approach-Departure Zone out to 1500 feet from landing pad: 10:1 or better <input type="text"/> , _____:1			
13	Distance from edge of landing pad to fixed objects:		
	Do these interfere with helicopter approaches or departures?		
14. Are there wires, poles, or other obstructions considered likely to interfere with helicopter operations?			
a. Is it possible to remove the obstructions listed above?			
b. If obstructions cannot be removed, are they properly marked?			
15. Is there an installed wind indicator? Is it:			
a. Properly located?		b. Serviceable?	c. Readily visible from the air?

16. Is there a plan, and are the necessary equipment and supplies on hand, to prevent hazardous conditions due to snow and ice?	
17.	Does helipad size permit landings when one or more helicopters are already on the ground?
	Are parking spaces clearly marked from the air?
18. Are warning signs displayed or guidelines drawn to prevent people from walking into moving rotor blades?	
19. Recommendations and/or additional remarks:	